Symposium: Vaccines and Global Health:
COVID-19 Vaccine Development, Strategy and Implementation

The Program in Vaccine Education at the Columbia University Vagelos College of Physicians & Surgeons’ mission is to educate medical students and to inform health care professionals, public health experts, academic, government and industry researchers, policy makers, global health non-governmental organizations, journalists, and the general public as to the cutting-edge advances and challenges in modern vaccine development.

The Columbia University convenors are Drs. Lawrence Stanberry (Co-Director, PVE), Philip LaRussa (Co-Director, PVE), Wilmot James (Associate Director, PVE), and Marc Grodman (Special Advisor, PVE). We have put together a group of 25 outstanding speakers who have been intimately involved with all aspects of COVID-19 vaccine development, strategy, and implementation. We are delighted to present this five-day virtual symposium at the cusp of the world’s transition to controlling the COVID-19 pandemic.
**Monday, February 22**

**National, Regional and Global Response to an Unprecedented Challenge**

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<th>Time</th>
<th>Event</th>
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<tr>
<td>12:00-12:10</td>
<td>Welcome: Lee Bollinger, JD – President, Columbia University</td>
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<td>12:10-12:15</td>
<td>Moderator: Lawrence R. Stanberry, MD, PhD – Director of the Programs in Global Health, Columbia University Vagelos College of Physicians and Surgeons</td>
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<td>12:15-12:45</td>
<td>Keynote: Sir Jeremy Farrar, BSc, MBBS, PhD – Director, Wellcome Trust</td>
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<td><em>The Role of the Wellcome Trust in COVID-19 Vaccine Preparedness</em></td>
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<td>12:45-1:30</td>
<td>Speakers:</td>
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<td>- Shabir Madhi, MBChB, MMed, FCPaeds PhD – Professor of Vaccinology, University of the Witwatersrand – A South African Perspective on Vaccine Preparedness and Availability.</td>
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<td>- Nancy Messonnier, MD – Director, National Center for Immunization and Respiratory Diseases, US CDC – A US CDC Perspective on Vaccine Preparedness and Availability.</td>
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<td>- Youngmee Jee, MD, PhD – CEO, Institute Pasteur Korea – A South Korean Perspective on Vaccine Preparedness and Availability.</td>
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<td>- Cuauhtémoc Ruíz Matus, MD – Unit Chief, Comprehensive Family Immunization, PAHO – PAHO Perspective on Vaccine Preparedness and Delivery</td>
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<td>1:30-2:00</td>
<td>Discussion</td>
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Tuesday, February 23

Global Solutions to an Unprecedented Demand

12:00-12:05 Welcome: Anil K. Rustgi, MD – Interim Executive Vice President, CUIMC

12:05-12:15 Keynote: Tedros Ghebreyesus, MS, PhD – Director-General, World Health Organization

The Role of the WHO in COVID-19 Vaccine Development and Distribution

12:15-1:00 Moderator: Philip LaRussa, MD – Department of Pediatric Infectious Diseases, CUIMC

Speakers:

- Nicole Lurie, MD – Strategic Advisor, CEPI – Vaccine Nationalism, Global Preparedness and Delivery.

- Seth Berkley, MD – CEO, GAVI, The Vaccine Alliance – The role of GAVI in Preparedness, Distribution and Access.

- Samba Sow, MD, MSc – University of Maryland – Director-General, Center for Vaccine Development-Mali – Perspective on Vaccine Roll-out in West Africa.

- Jeffrey Sachs, PhD – Columbia University – The International Financing of COVAX


1:00-2:00 Discussion
Wednesday, February 24

Ethical and Societal Challenges

12:00-12:05
Welcome: Safwan Masri, PhD – Global Centers and Development EVP, Columbia University

12:05-12:35
Keynote: Preparedness and Assuring Equitable Access: A Conversation with Melinda Gates
With Meg Tirrell, CNBC

12:35-1:20
Moderator: Wilmot James, PhD – Senior Research Scholar, Columbia ISERP
Speakers:

- Ames Dhai, MD, LLM, PhD – Visiting Professor of Bioethics and Health Law at the School of Clinical Medicine, Faculty of Health Sciences, University of the Witwatersrand, Johannesburg – Ethical Challenges in Assuring Global Access to Vaccines: A View from the South.


- Peter Hotez, MD, PhD – Dean, National School of Tropical Medicine, Baylor College of Medicine – Assuring Vaccine Take-up and Use.

1:20-2:00
Discussion
Thursday, February 25

Government and Industry

12:00-12:05 Welcome: Linda Fried, MD, MPH – Dean, Mailman School of Public Health, Columbia University

12:05-12:35 Keynote: Anthony Fauci, MD – Director, National Institute of Allergies and Infectious Disease, National Institute of Health

*The Role of the NIAID-NIH in COVID-19 Vaccine Development*

12:35-1:20 Moderator: Wafaa El-Sadr, MD, MPA, MPH – Director, Columbia ICAP

Speakers:

- George F. Gao, PhD – Director, China CDC – China’s Role in COVID-19 Vaccine Development.

- Kathrin Jansen, PhD – Head of Vaccine Research and Development, Pfizer Inc. – An Industry Perspective on Vaccine Development.


- Soumya Swaminathan, MD – Chief Scientist, WHO – The WHO’s Global Perspective on Vaccine Discovery and Development.

1:20-2:00 Discussion
Friday, February 26

A Most Remarkable Year in Vaccines

12:00-12:10 Welcome: Ira Katznelson, PhD – Interim Provost, Columbia University

12:10-12:40 Keynote 1: Operation Warp Speed – Lessons Learnt about Delivering Vaccines in the Midst of the COVID-19 Pandemic

Moncef Slaoui, MS, PhD – Former Director, Operation Warp Speed, US Government

12:40-1:10 Keynote 2: Using Vaccines Optimally in the Future

Ezekiel Emanuel, MD, MSc, PhD – Vice Provost, Global Initiatives, University of Pennsylvania

1:10-1:45 Moderator: Marc Grodman, MD – Department of Medicine, Columbia University Vagelos College of Physicians and Surgeons; CEO, Genosity, Inc.

Speakers:

- Margaret Hamburg, MD – Foreign Secretary, National Academy of Medicine – Response from a Former FDA Commissioner.

- Stanley Bergman – Chairman of the Board and CEO, Henry Schein, Inc. – The Role of Public-private Partnership in Vaccine Distribution and Supply Chain.

- John Nkengasong, MSc, PhD – Director, Africa CDC – Progress in and Challenges of Vaccine Distribution in Africa.

1:45-2:00 Discussion

2:00-2:30 Reaching Nerd Immunity – A Journalist’s Perspective

- Kai Kupferschmidt – Contributing Correspondent for Science Magazine

2:30-3:00 State of Vaccinology in 2021: Where do we go from here?

- Stanley Plotkin, MD – Emeritus Professor of Pediatrics, University of Pennsylvania
This is a preliminary agenda and may be subject to change.

Inquiries about the agenda and participation/registration should be sent to: nm3091@cumc.columbia.edu